

FILE NOTATIONS

Entered in N I D File ✓
Entered On S R Sheet ✓
Location Map Lined _____
Card Indexed ✓
I W R for State or Fee Land _____

Checked by Chief _____
Copy N I D to Field Office _____
Approval Letter ✓
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 10-26-61
OW _____ WW _____ TA _____
GW _____ OS _____ PA ✓

Subsequent Report of Abandonment
Location Inspected 11-9-62
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 11-27-61
Electric Logs (No.) 3

E. ✓ I. ✓ E-I. ✓ GR. _____ GR-N. ✓ Micro. _____

Lat. _____ Mi-L. _____ Sonic. _____ Others. _____

July 22, 1960

State of Utah
Oil and Gas Conservation Comm.
310 Newhouse Building
Salt Lake City 11, Utah

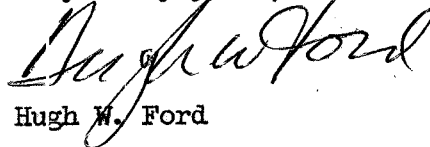
Gentlemen:

Enclosed please find two copies of the "Notice of Intention to Drill," location plat and plat of well location to surrounding leases for Musinia Unit #1, Section 20, Township 20 South, Range 4 East, Sanpete County, Utah.

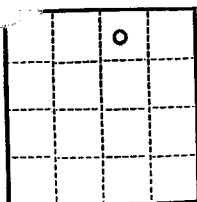
As noted on the "Intention to Drill" and location plat, the location is an exception to the regular well spacing pattern, falling approximately 441 ft. south and 506 ft. west of the center of the northwest-northeast quarter Section 20. I am submitting this unorthodox location because of topographic reasons. A location in the regular well spacing pattern would fall on the side of a steep hill and involve considerable expense in road building and location preparation.

I also certify that I own all oil and gas leases within 660 ft. of the location as shown on the attached plat. Therefore, because of these conditions, I would like your approval to drill at the spot shown on the attached plat (1101 ft. FNL and 2486 ft. FEL), Section 20.

Very truly yours,


Hugh W. Ford

Enclosures



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-B358.4
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-037999
Unit Musinia

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 219 Unit #1 is located 1101 ft. from [N] line and 2486 ft. from [E] line of sec. 20
July 22, 1960
NWNE Sec. 20 20S 4E Salt Lake
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Sampete County Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Elevation will be submitted when rig is on location.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Hugh W. Ford proposes to drill a 6800' test or to test the Ferron sandstone.

Casing Program: Cement 13 3/8" casing at about 250' with sufficient cement to fill annulus to surface. If commercial production is indicated cement 5 1/2" casing thru lowermost productive zone.

Est. Formation Tops: North Horn surface, Emery 3700'; Mancos 4700'; & Ferron 6250'.

Est. Total Depth: 6800'

DSTs: Will run drillstem tests on zones of interest indicated on mud log, samples & logs.

Logs: Will run electric logs from surface to total depth.

Tools: Rotary tools will be used to drill subject well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

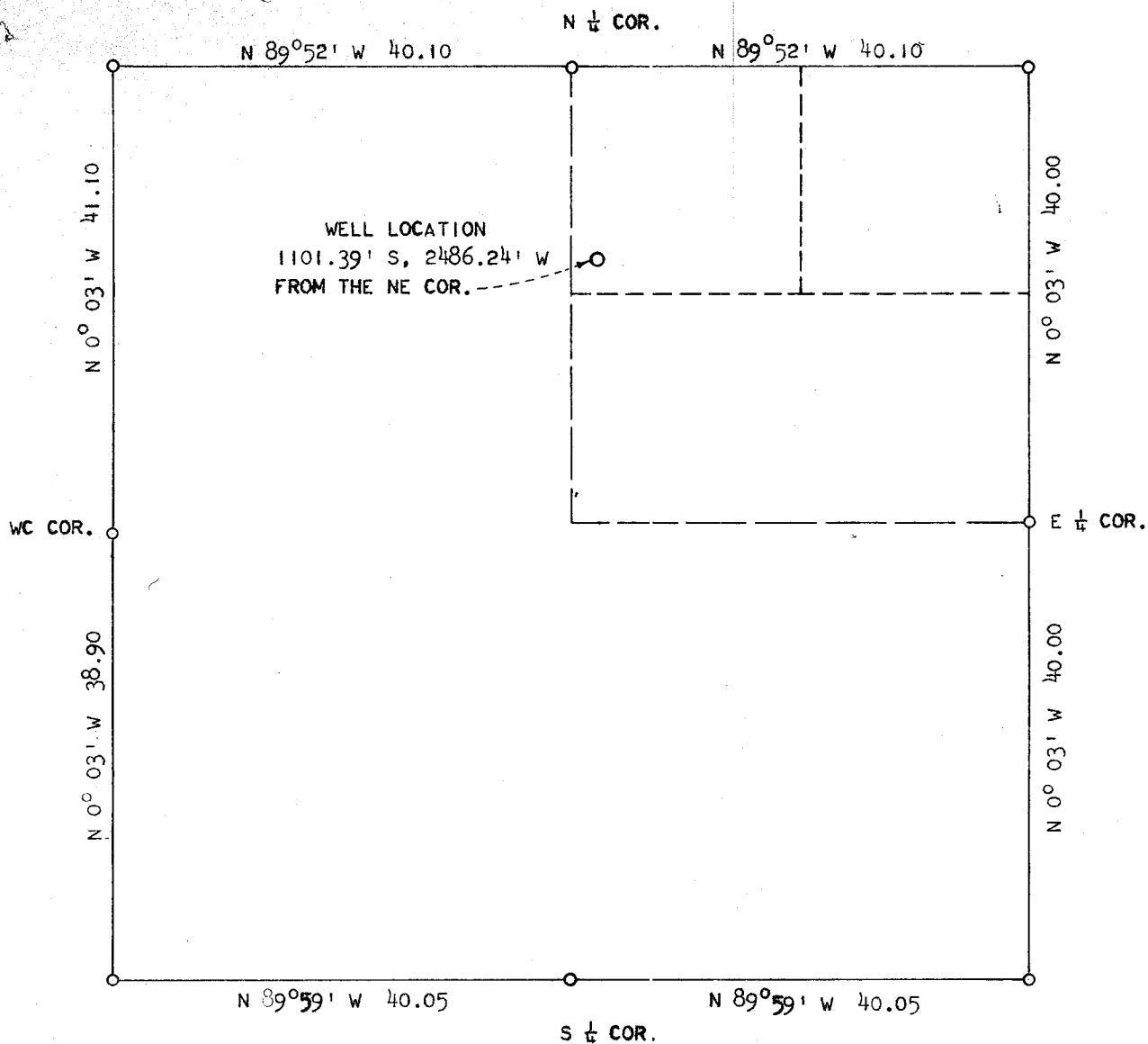
Company HUGH W. FORD

Address 518 Securities Bldg.

Billings, Montana

By Hugh W. Ford

Title Independent



SEC. 20
T 20 S, R 4 E S1M

PROPOSED WELL FOR MUSINIA UNIT

SCALE: 1" = 1,000'

THIS PLAT REPRESENTS A SURVEY MADE
UNDER MY SUPERVISION ON JULY 5, 1960,
AND THE PROPOSED LOCATION IS AS
SHOWN ACCORDING TO THE BEST OF MY
KNOWLEDGE.

Thomas M. Brothersen

THOMAS M. BROTHERSEN
REG. ENGINEER #1622
MT. PLEASANT, UTAH

R4E

HUGH W. FORD

HUGH W. FORD

21
28.83

3

35

U-037999

3 7
28.97 435.60

8

SKYLINE OIL COMPANY

HUGH W. FORD

31

U-030558

18

U-021343

4
29.13

U-07835

1
29.27

HUGH W. FORD

HUGH W. FORD

1

U-07351-A

HUGH W. FORD

17

2
29.43

25

3 18
29.57 438.00

17

16

4
29.73 U-025907

HUGH W. FORD

2

U-07736

U-021342

SKYLINE OIL COMPANY

29.80

HUGH W. FORD

Musinia Unit #1

31
30558

2
29.78

35

3 19
29.78 439.12

20

21

HUGH W. FORD

1

U-07351-A

U-037999

4
29.76

H. W. FORD

1
29.80

SKYLINE OIL COMPANY

HUGH W. FORD

HUGH W. FORD

25

2
29.87

26

25

19

3 30
29.95 439.64

29

28

4
30.02 U-025908

U-025907

Sanpete Co,
Utah

U-021344

3
30.12

HUGH W. FORD

HUGH W. FORD

17

20

July 29, 1966

Supervisor
United States Geological Survey
Box 400
Casper, Wyoming

Re: Musinia Unit No. 1
NW1/4 Section 20, T 20 S, R 4 E
Sanpete County, Utah

Dear Sir:

It has just been brought to my attention the location of the above captioned well which I am preparing to spud is in violation of federal regulations pertaining to a requirement of the well not being drilled closer than 200 feet from the outside boundary of that particular subdivision. Apparently the location of this particular well is 46 feet closer to the west boundary of NW1/4 Section 20 than the regulations specify. However, since the location was selected in a great part due to the topographical features in the immediate area, I request permission from the U.S.G.S. to proceed with the well.

The location is west and north of Hemmingson Reservoir and could not be moved east, in my opinion, since it was selected in the first place in an attempt to keep the chemical contamination out of the reservoir which is used for irrigation. The same conditions exist to the south and in addition, to the south and east the surface apparently has a semi-marshy nature and I felt it would be an unnecessary risk with the rig and other heavy equipment if we went closer to the reservoir. To the west and to the north there is a precipitous limestone formation which would make it impractical and expensive to move the location in that direction.

I believe we have selected the best possible location in considering the requests and regulations of the Forestry Service and Geological Survey.

Supervisor
U.S.G.S., Casper, Wyoming
Page 2

I do not believe since this is a gas prospect, in the light of probable spacing, this would constitute a problem of major proportions. Further, the acreage in the E $\frac{1}{2}$ of Section 20 is owned by me under Utah 037999, and the acreage in the NW $\frac{1}{4}$ of Section 20, which is less than 200 feet from the location, is also owned by me under Utah 525907. Therefore, to safeguard the Geological Survey, the Bureau of Land Management and other government agencies from any problem which might arise from the closeness from the outer boundary, I hereby agree and stipulate that if I am allowed to proceed with the well I will not sell, assign or convey the NW $\frac{1}{4}$ of Section 20 unless the NE $\frac{1}{4}$ of Section 20 is also conveyed at the same time in one tract. I do not anticipate any conveyances in this area unless it should constitute a sale of all acreage in the event of production. I further agree that, although you do not request it, I will check with your office for approval of any transactions that I might make in this immediate area.

I sincerely hope that your department will find it possible to approve this location and take into consideration the fact that due to the water situation and topography, that I have done my best to choose the only feasible location when all facts are considered.

I respectfully request your earliest attention to this matter. I wish to thank you for your cooperation and if there is any additional information you require, or if you wish to amend this letter, please call me collect at the above address.

Thank you for your consideration in this matter.

Very truly yours,


Hugh W. Ford

HWF:ag

cc: Utah Oil and Gas Conservation Commission
Salt Lake City, Utah

Don Russell, U.S.G.S.,
Salt Lake City, Utah

July 29, 1960

Mr. Hugh W. Ford
518 Securities Building
Billings, Montana

Dear Mr. Ford:

This is to acknowledge receipt of your notice of intention to drill Well No. Musinia Unit 1, which is to be located 1101 feet from the north line and 2436 feet from the east line of Section 20, Township 20 South, Range 4 East, SLBM, Sanpete County, Utah.

Please be advised that approval to drill on said unorthodox location is hereby granted in accordance with Rule C-3(c) of our General Rules and Regulations and Rules of Practice and Procedure. However, our approval is conditional upon your receipt of the approval from the United States Geological Survey.

Also, our approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Mr. D. F. Russell, Dist. Eng.
U. S. Geological Survey
Federal Building
Salt Lake City 11

August 18, 1950

Hugh W. Ford Musinia Unit #1
NW NE Sec. 20, T.20S., R.4E.
Sanpete County, Utah

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

This is to inform you of the adjusted location of the Hugh W. Ford Musinia Unit #1 well. The final location, as shown on the attached plat, is 979.86' South and 2404.58' West from the NE Corner, Sec. 20, T.20S., R.4E., Sanpete County, Utah. This adjustment, slightly northeast of the previously filed location, was necessitated when I was advised by the Forest Service that the Henning Reservoir, adjacent to the south and now at a low level, probably would be full before the well was completed.

Also, please note the elevation of the Derrick Floor is 10,044' above sea level.

I trust this adjusted location will also meet with your approval.

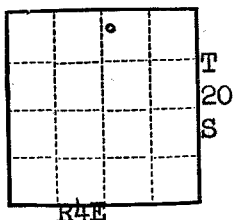
Very truly yours,


Hugh W. Ford

Attachment

cc: Don Russell (3)

CP



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-037999

Unit Musinia

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
Notice of Amended Location.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 16, 1960

Well No. Unit #1 is located 979.86 ft. from [N] line and 2404.58 ft. from [E] line of sec. 20

NW NE Sec. 20 (1/4 Sec. and Sec. No.) 20S (Twp.) 4E (Range) Salt Lake (Meridian)
Wildcat (Field) Sanpete (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 10,044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Hugh W. Ford

Address 518 Securities Building

Billings, Montana

By [Signature]

Title Independent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-B356.5
Approval expires 12-31-60.

LAND OFFICE **Salt Lake City**
LEASE NUMBER **8-037999**
UNIT **MUSTELA**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **UTAH** County **SANPETE** Field **WILDCAT**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **AUGUST**, 19 **60**,

Agent's address **518 Securities Building** Company **Alpine Ford**
Billings, Montana Signed _____

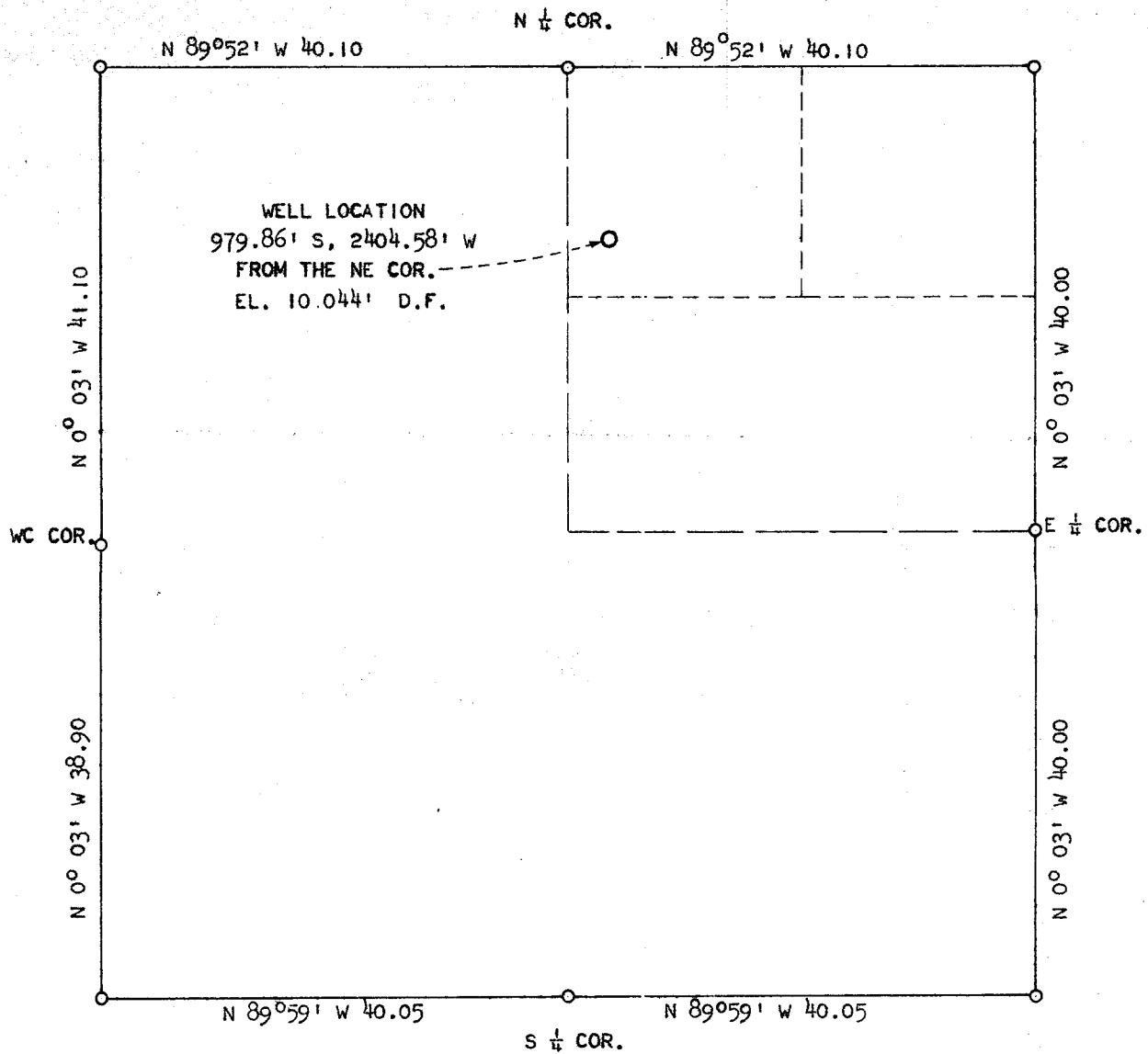
Phone **ALPINE 9-8569** Agent's title **Independent**

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
W4E 20	10S	4E	1	-	-	-	-	-	-	Spud 8-3-60 13-3/8 surface csg. cen. at 780' w/660 sx. Drilling at 3827' 8-31-60.

NOTE.—There were **No** runs or sales of oil; **No** M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



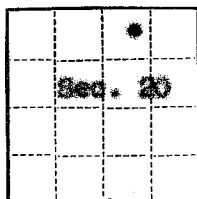
SEC. 20
T 20 S, R 4 E 3LM

PROPOSED WELL FOR MUSINIA UNIT

SCALE: 1" = 1,000'

THIS PLAT REPRESENTS A SURVEY MADE
UNDER MY SUPERVISION ON AUG. 5, 1960,
AND THE PROPOSED LOCATION IS AS
SHOWN ACCORDING TO THE BEST OF MY
KNOWLEDGE.

R M Jennings
R. M. JENNINGS
LS #



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-037909

Unit Marina

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 9, 19 60

Well No. Unit #1 is located 979.86 ft. from N line and 2404.50 ft. from E line of sec. 20

NE NE Sec. 20 20 S. 4 E. Salt Lake
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Sangre Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 10,144 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Depth of hole 800'

Ran 13-3/8" casing to 700' and cemented with 654 sacks - no cement returns and only intermittent returns of displaced fluid. Ran temperature log and located top cement at 151'. Cemented on outside of 13-3/8" casing with 111 sacks. Got good cement returns.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

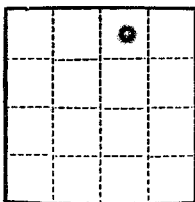
Company Hugh W. Ford

Address 518 Securities Building

Billings, Montana

By Hugh W. Ford

Title Independent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-037999
Unit Maxinia

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 15, 1960

Well No. Unit #1 is located 979.86 ft. from N line and 2404.78 from E line of sec. 20
NE NE Sec. 20 20 S 4 E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Sagebrush Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 10,144 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Depth 4562'. 13-3/8" at 780'. Bleming 8-3/4" hole to 12-1/4" in preparation for 9-5/8" intermediate string to combat lost circulation.

Proposed Casing String: 100' of 40# J-15 Short T&C
 3700' of 36# J-15 Short T&C
 300' of 40# J-15 Short T&C
4600'

It is proposed to cement on bottom with 125 sac using two centralizers on bottom two stands.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Hugh W. Ford
 Address 518 Securities Building
Billings, Montana
 By Hugh W. Ford
 Title Independent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-E356.5.
Approval expires 12-31-60.

LAND OFFICE Salt Lake City
LEASE NUMBER U-037999
UNIT Musinia

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SANPETE Field WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1960,

Agent's address 518 Securities Building Company Hugh V. Ford
Billings, Montana Signed Hugh V. Ford

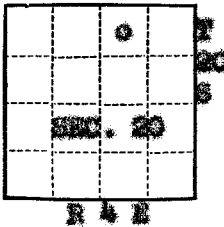
Phone Alpine 9-8569 Agent's title Independent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE Sec. 20	20S	4E	1							4568' Standing cemented. Cemented 9-5/8" intermediate casing at 3299' w/ 250 sacks to eliminate lost circulation and sloughing hole con- dition. Fm. drilled from 3827-4568' con- sisted of gray shale and siltstone with minor amounts of sandstone and coal. No formation tops have been picked because of poor quality of samples.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-037999

Unit Musinia

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 3, 1960

Well No. Unit 1 is located 979.86 ft. from [N] line and 2404.36 from [E] line of sec. 20

NW NE SEC. 20 (1/4 Sec. and Sec. No.) 20 E (Twp.) 4 E (Range) Salt Lake (Meridian)
Wildcat (Field) Sagepole (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 10,044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Depth 4360' - 13-3/8" C. 781' - Reamed 8-3/4" hole to 12 1/2" hole to 3805'. Equalized 50 sacks 50-50 Pozmix cement in 8-3/4" hole at 3924. Ran 8-3/4" by 12 1/2" pilot hole opener to 3805' and conditioned; mud. Ran 9-5/8" 40# and 36# J-55 short T&C, to 3899' where hit bridge and could not move casing up or down. Cemented 9-5/8" at 3899' with 250 sacks 50-50 Pozmix followed by 50 sack neat cement. Full returns during most of job. No returns while displacing last 28 bbls. standing cemented. Will run temperature survey to locate top cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company HUGH W. FORD

Address 518 SECURITIES BUILDING
BILLINGS, MONTANA

By Hugh W. Ford
Title INDEPENDENT

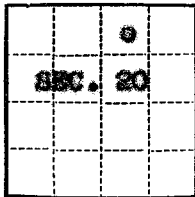
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-037999

Unit Musinia

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
<u>Notice of Intention to Suspend</u>	<u>X</u>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 20, 19 60

Well No. Unit #1 is located 979.86 ft. from [N] line and 2404.58 ft. from [E] line of sec. 20

NW NE Sec. 20 (1/4 Sec. and Sec. No.) 20 N. (Twp.) 4 E. (Range) Salt Lake (Meridian)
Wilcox (Field) Sangre (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 10,014 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well has a present depth of 4740' in the Esmer sandstone. Ran Induction-Electric, Gamma-Neutron and dipmeter logs to 4727'.
Due to extreme climatic conditions at this elevation and because the Forest Service will not permit heavy equipment on the roads when they are wet, a request is being made to suspend operations until next summer.

Casing: 13-3/8" C. 780'
9-5/8" C. 3299'

Program: Put heavy mud in open hole from 3219 to 4740'.
Set drillable bridge plug near show of 9-5/8" csg. and cap with 3 sacks cement. Fill 9-5/8" casing with heavy mud.
Put 12" series 900 casing flange on well head and put in bull plug.
Move out equipment as soon as road conditions permit.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company HUGH W. FORD

Address 518 Securities Building

Billings, Montana

By Hugh W. Ford

Title INDEPENDENT

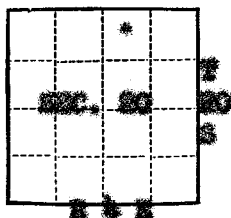
(SUBMIT IN TRIPLICATE)

Land Office **SALT LAKE CITY**

Lease No. **U-037992**

Unit **Quinta**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Suspension	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 31, 1960

Well No. **Unit #1** is located **979.86** ft. from **[N]** line and **2404.50** ft. from **[E]** line of sec. **20**
NE NE Sec. 20 **20 E** **4 E** **Salt Lake**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Sanpete** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **10,041** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well suspended October 20, 1960

Present total depth **4740'**

Casing: **13-3/8" C. 780'**

9-5/8" C. 3299'

Performed the following operations:

1. Filled open hole from 3299 to 4740' with heavy mud.
2. Set magnesium bridge plug @ 3270' and cased with 2 inch cement.
3. Filled casing with heavy mud.
4. Flanged up well head.
5. Moved out equipment.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MURR W. FORD**
 Address **515 Securities Building**
Billings, Montana

By **Hugh W Ford**
 Title **Independent**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LAND OFFICE Salt Lake City
LEASE NUMBER U-037999
UNIT Musinia

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Sanpete Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1960,

Agent's address 518 Securities Building Company Hugh W. Ford
Billings, Montana

Phone Alpine 9-8569 Signed Hugh W. Ford
Agent's title Independent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE Sec. 20	20S	4E	#1							4740' present total depth. Operations suspended Oct. 20, 1960, due to extreme climatic conditions at this elevation and because the Forest Service would not permit heavy equipment on the roads when they were wet. Program followed for suspending operations: 1. Filled open hole from 3299-4740' with heavy mud. 2. Set magnesium bridge plug @ 3270' and capped with 2 sack cement. 3. Filled casing with heavy mud. 4. Flanged up well head. 5. Moved out equipment.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-037999
UNIT Musinia

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SANPETE Field WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1961,

Agent's address 518 Securities Bldg. Company Hugh W. Ford

Billings, Montana Signed Hugh W. Ford

Phone Alpine 9-8569 Agent's title Independent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousand ls)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE Sec. 20	20S	4E	#1							Well suspended Oct. 20, 1960, at a depth of 4740'.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LAND OFFICE Salt Lake City
LEASE NUMBER 8037999
UNIT Russia

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SANPETE Field WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of APRIL, 1961.

Agent's address 518 Securities Building Company Hugh W. Ford

Billings, Montana

Signed Frank W. Ward

Phone **Alpine 9-8569** Agent's title **Independent**

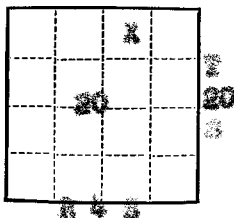
Agent's title _____

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CUB. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NE Sec. 20	20S	4E	71							Well suspended Oct. 20, 1960, at a depth of 4740'.

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-037999
Unit Washita

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <u>(Deepen)</u>	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah June 15, 19 61

Well No. 1 is located 979.86 ft. from N line and 2404.52 ft. from E line of sec. 20
1/4 1/4 20 20N 4E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Sanpete Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 10044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Conditions: T.D. 4740'. CASING: 13-3/8" cemented 780' - 9-5/8" cemented 3239'
PLUGS: Bridge Plug at 3274' capped with 2 sacks cement.'

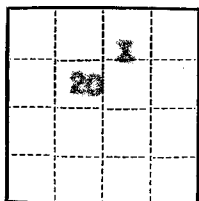
It is proposed to deepen subject prospect well for oil or gas. If warranted 7" protective string will be cemented near 6600'. 4-1/2" casing to be cemented below lowermost productive interval with sufficient cement to protect upper sands.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Great Basin Division
Address P. O. Box 455
Vernal, Utah
By R. L. GREEN

Title Division Superintendent

U.S.G.S., W.C.-3; O.S.D.C., W.C.-1; I.C.S. III-1; M.S.-1; F.I.P.-1



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-037999

Unit Washita

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <u>(Deepen)</u>	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah June 27, 19 61

Well No. 1 is located 979.26 ft. from [N] line and 2104.51 ft. from [E] line of sec. 20
1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Pete Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 10044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

(Revised as requested by Mr. D. F. Russell's letter of 6-29-61.)
Present Conditions: T. D. 4740'. CEMENT: 13-3/8" cemented 750' - 9-5/8" cemented 3299'. PLUG: Bridge plug at 3270' capped with 2 sacks cement.

It is proposed to deepen subject prospect well to a depth adequate to test the Dakota Sandstone, the top of which is estimated at approximately 6050'.

If cemented 7" protective string will be cemented near 6600'. 4-1/2" casing to be cemented below lowermost productive interval with sufficient cement to protect upper sands.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

By D. L. NELSON

Title Division Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-037999
UNIT Misina

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Pete Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 61,

Agent's address P. O. Box 455 Company California Oil Co., Great Basin
Vernal, Utah Signed R. L. Green Original Signed
Phone Vernal 2000 Agent's title Division Superintendent R. L. GREEN

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousand:)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE Sec. 20	20S	4E	#1							Well suspended October 20, 1960, at a depth of 4740'.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-037999
UNIT Musinia

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Pete Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1961.

Agent's address P. O. Box 1076 Company California Oil Company
Salt Lake City, Utah Great Basin Division

Phone DA-2-1511 Signed R. L. Green Original Signed
Agent's title Division Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NONE Sec. 20	20S	4E	#1							well suspended 10/20/60 at 4740' 9-5/8" Csg. cemented at 3299' Reentered 7-6-61 to deepen. Drig at 6098' as of 7-31-61.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-37999
UNIT Musinia

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Sanpete Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1961,

Agent's address P. O. Box 1076 Company California Oil Company
Great Basin Division, Salt Lake City, Utah Signed R. L. Green *R. L. GREEN* *Signed*

Phone DA 2-1511 Agent's title Division Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE Sec. 20	20S	4E	#1							Drilg. at 8305'. as of 9-30-61.
					Cemented 8227' - 7" - 23# & 26# M-80 Range 3 and 7" - 23# J-55 Range 3, using 300 sks common sack cement, Halliburton process, top and bottom plugs.					

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-037999

Unit MUSINIA

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Salt Lake City, Utah October 24 1961

Well No. 1 is located 979.86 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 2404.58 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. 20

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 20 20S 4E SLBM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
MUSINIA AREA SANPETE UTAH
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing
The elevation of the ~~surface~~ above sea level is 10044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Confirming telephone conversation Locke-Harstead 10-24-61.

Present Status: Depth 8954'.

Casing: 13-3/8" cem. 780'
9-5/8" cem. 3299'
7" cem. 8226'.

The top of the Ferron, the objective zone, was encountered at 8570'. A drill stem test of the interval 8830-8890', which included the only permeable Ferron section encountered, yielded 1425' of water with no oil or gas.

We now propose:

1. Equalize 60 sacks cement on bottom.
2. Set cast iron bridge plug at approximately 8200' and cap with
(continued on attached sheet)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company CALIFORNIA OIL COMPANY, WESTERN DIVISION

Address P.O. BOX 1076

SALT LAKE CITY, UTAH

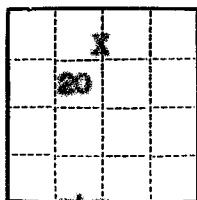
By R. L. GREEN

Title DIVISION SUPERINTENDENT

Continued:

30 sacks cement.

3. Locate free point of 7" casing. Cut and recover 7" casing.
4. Cap 7" csg. stub with cement from 100' below cut to 100' above cut. If 7" is recovered from below 9-5/8" shoe, also place cement bridge across shoe from 100' below to 100' above shoe.
5. Fill hole to within 15' of surface with mud and place cement plug in top 15' with well marker embedded in cement.
6. Pump cement in 9-5/8" x 13-3/8" casing annulus.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-037999
Unit Musinia

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Salt Lake City, November 24, 1961

Well No. 1 is located 979.86 ft. from N line and 2404.98 ft. from E line of sec. 20
20 (1/4 Sec. and Sec. No.) 20S 4E S12M
Musinia Area Sanpete Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Rushing derrick floor above sea level is 10044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Subject well plugged and abandoned as follows:

1. Equalized cement plug 8900-8976' with 60 sx cement.
2. Set cast iron bridge plug at 8200', and capped with 30 sx cement.
3. Ran McCullough free point indicator. Found freepoint of 7" casing at 3325'. Out at 3280' and recovered 3265'.
4. Equalized cement plug 3380'-3130' w/80 sx common cement.
5. Pumped 80 sx cement in 9-5/8"- 13-3/8" annulus.
6. Plugged 20' to surface and installed marker.
7. Will advise you when location is ready for your final inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Co., Western Division.

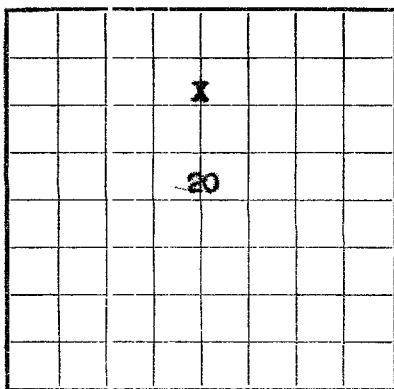
Address P. O. Box 1076
Salt Lake City, Utah

By R. L. Green
Div. Sup't., Production Dept.
Title

USGS-3; CAGOC-1; Skyline Oil Co.-1;
File-2

U. S. LAND OFFICE Salt Lake CitySERIAL NUMBER U-037999

LEASE OR PERMIT TO PROSPECT

T
20
S

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company California Oil Co., Western Div. Address P. O. Box 1076, Salt Lake CityLessor or Tract Wildcat Field Musinia State UtahWell No 1 Sec. 20 T 20S R. 4E Meridian SLRM County SanpeteLocation 19.86 ft. Sk of N Line and 2404.58 ft. Sk of E Line of Sec. 20 Elevation 10044
S. W. Kelly Bushing (relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed R. L. GreenDate 11-24-61Title Div. Sup't, Production Dept.

The summary on this page is for the condition of the well at above date.

Commenced drilling Aug., 1960, Suspended 10/60 Finished drilling October 26, 1961
Resumed drilling 7-8-61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	40	8	Halliburton	1000	Ball	3280			
9-5/8	29	8	Halliburton	350	Ball	3280			
7	23	8	Halliburton	627	Ball	3280			

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	701	660 sx	Halliburton		
9-5/8	3299	250 sx	Halliburton		
7"	3227	300 sx common	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

13-3/8 781 660 sk
 9-5/8 3299 250 sk
 7" 8227 300 sk common

Halliburton
 Halliburton
 Halliburton

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ~~surface~~ _____ feet to 8952 _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.

Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. Chrisley _____, Driller Bobby Cowan _____, Driller

J. W. Check _____, Driller D. C. Seale, Drlg. Engr. _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190'	Flagstaff LS; Lt.-gry-wh, Argillaceous
190	4473	4283'	Cretaceous Undiff: Sd&Sh w/thin coal stringers; Blackhawk coal 4450-70.
4473	5673	1200'	Starpoint SS: Gry, m-fg, calc, thin coal stringers
5673	6927	1254'	Emery SS: med-dk, gry, fg, silt, calc, thin coal stringers
6927	8550	1623'	Bluegate Sh: Blue-gry to Dr. gry, fine silty sh
8550	8952 TD	452'	Ferron SS: Gry, vfg, hd, tite calc, carbonaceous ss interbedded w/dk gry, calc, carb. shales & siltstones.
50,	0	50	50 sk cement
3380,	3730,	520,	80 sk cement
8500,			cement plug - 80 sk cement
8600,	8218,	355,	cement plug - 80 sk cement

BRIDGE RECORD:

FROM—	TO—	TOTAL FEET	FORMATION
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(OVER)
 FORMATION RECORD—Continued

1-43004-4

FORMATION RECORD-Continued

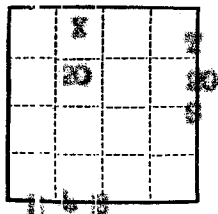
FROM-	TO-	TOTAL FEET	FORMATION
Plugging Record:			
8900'	8578'	322'	Cement plug - 60 sx cement
8200'			cast iron bridge plug capped w/30 sx cement
3380'	3130'	250'	Cement plug - 80 sx cement
			80 sx cement pumped into 9-5/8 - 13-3/8"
			annulus.
20'	0	20	20 sx cement installed marker

1. The well was plugged at 8578' with 60 sx cement.
 2. A cast iron bridge plug was installed at 8200' and capped with 30 sx cement.
 3. The well was plugged at 3130' with 80 sx cement.
 4. 80 sx cement was pumped into the 9-5/8" - 13-3/8" annulus.
 5. A 20 sx cement marker was installed at the surface.

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Copy H.L.C.

Budget Bureau No. 42-R358.4
Approval expires 12-31-60
Salt Lake City, Utah



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office U-037999
Lease No. MUSKIE
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Muskie September 11, 1962
Well No. 1 is located 979.86 ft. from (N) line and 2404.58 ft. from (E) line of sec. 20
20 20 S 4 E BLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Muskie Area Saratoga Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 10,044 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Please refer to our previous report dated November 24, 1961, Item 7, and to your letter dated August 30, 1962. Subject location has been cleaned up and is ready for your final inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company CALIFORNIA OIL COMPANY, WESTERN DIVISION
Address P. O. Box 1076
Salt Lake City, Utah

By R. L. GREEN
Title Division Production Supt.

UBOS - 3
OSGCC - 1
Skyline Oil Co. - 1 File - 2